

CLAIMS

1. A seat area fastened on a fixed or on a moving structure of a sitting furniture article,
 characterized in that the seat area (1) gets a form shaped by an elastic deformation of at least one flat blank (2) consisting of at least a single piece, delimited by two concentric circular arches (2.1, 2.2) with a center angle $\alpha = 10^\circ$ to 170° , the tangents (t_1, t_2, t'_1, t'_2) continuing in terminal points (A, A', B, B') of the arches (2.1, 2.2), and by normal lines (n_1, n_2) at the extremities of the blank (2), while the normal lines (n_1, n_2) are situated in the deformed condition on conical areas with top point V, in the center of the connecting line of inner extremities of both normal lines (n_1, n_2) with a top point angle $\gamma = 0$ to 10° , while the intersection line of the seat area (1) with a vertical symmetry plane forms an angle $\beta = 15^\circ$ to 90° with the level plane.
- 5 2. A seat area according to claim 1,
 characterized in that the elastic deformation of the flat blank (2) to the shape of a seat area (1) is obtained by fastening the flat blank (2) in at least three points of the carrying structure (5) namely in fastening by the normal lines (n_1, n_2) and in fastening at the central part (3).
- 10 3. A seat area according to claims 1 and 2,
 characterized in that at least one sleeve (4) fitted with an element (4.1) for a sliding fastening to the carrying structure (5) is situated in the middle part (3) of the seat area (1).
- 15 4. A seat area according to claim 3,
 characterized in that the element (4.1) is fitted with a hinge permitting a rocking movement of the sleeve (4) in all directions e.g. by a joint.
- 20 5. A seat area according to claims 1 through 4,
 characterized in that the seat area (1) is formed of two sections (2.3, 2.4) of the flat blank (2), both sections (2.3, 2.4) are compatible with each other and are fitted at the place of contact with a mechanism (6) allowing to change the width "w" of the seat area (1).
- 25 6. A seat area according to claims 1 through 5,
 characterized in that the seat area (1) is formed as a molded piece.
- 30 7. A seat area according to claims 1 through 5,
 characterized in that the flat blank (2) is made of an elastic single-layer stuff.
- 35 8. A seat area according to claims 1 through 5,
 characterized in that the flat blank (2) is made of a sandwich type of material.
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45 9. A seat area according to claims 1 through 8,
characterized in that the rims of the flat blank (2) can get
a modified form.